WHAT IS CLAIMED IS:

1. A compound of structural formula I:

$$R^1$$
 R^2
 R^3
 R^3
 R^3
 R^4
 R^4
 R^4
 R^4

5 (1)

or a pharmaceutically acceptable salt thereof, wherein;

R¹ is selected from:

- (1) C₁₋₁₀alkyl,
- (2) C₃₋₁₀cycloalkyl,
- 10 (3) cycloheteroalkyl,
 - (4) aryl, and
 - (5) heteroaryl,

wherein alky is optionally substituted with one, two, three or four substituents independently selected from R^a, and each cycloalkyl, cycloheteroalkyl, aryl and heteroaryl are optionally substituted on a carbon or nitrogen atom with one, two, three or four substituents independently selected from R^b;

R² is selected from:

- (1) C₃₋₁₀cycloalkyl,
- (2) cycloheteroalkyl,
- 20 (3) aryl,

- (4) heteroaryl,
- (5) -ORd,
- (6) -NRcRd, and
- (7) -CO₂Rd,
- wherein each alkyl is optionally substituted with one, two, three or four substituents independently selected from R^a, and each cycloalkyl, cycloheteroalkyl, aryl and heteroaryl are optionally substituted on a carbon or nitrogen atom with one, two, three or four substituents independently selected from R^b;

R³ is selected from:

- (1) hydrogen, and
- (2) C₁₋₄alkyl,

wherein alkyl is optionally substituted with one to four substituents independently selected from R^a;

R6 is selected from:

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- (1) hydrogen,
- (2) C₁₋₄alkyl,
- (3) C2-4alkenyl,
- 10 (4) C₂₋₄alkynyl,
 - (5) -ORd,
 - (6) halogen,
 - (7) -CN,
 - (8) -NRcRd,

wherein alkyl, alkenyl, and alkynyl are optionally substituted with one to four substituents independently selected from R^a

Ar1 is selected from:

- (1) aryl, and
- (2) heteroaryl,
- each optionally substituted on the carbon or nitrogen with one, two, or three groups independently selected from Rb;

each Ra is independently selected from:

- (1) -ORc,
- (2) $-NR^{c}S(O)_{m}R^{d}$,
- 25 (3) -NO₂,
 - (4) halogen,
 - (5) $-S(O)_mR^c$,
 - (6) -SRc,
 - (7) -S(O)₂OR^c,
- 30 (8) $-S(O)_mNR^cR^d$,
 - (9) -NRcRd.
 - (10) -O(CReRf)nNRcRd,
 - (11) -C(O)R^c
 - (12) -CO₂Rc,

(13) -CO2(CReRf)nCONRCRd, (14) -OC(O)Rc, (15) -CN, (16) -C(O)NRCRd, (17) -NRCC(O)Rd, 5 (18) -OC(O)NRcRd, (19) -NRCC(O)ORd, (20) -NRCC(O)NRCRd, (21) $-CR^{c}(N-OR^{d})$, 10 (22) CF₃, (23) -OCF3, (24) C3_8cycloalkyl, (25) cycloheteroalkyl, and (26) oxo; each Rb is independently selected from: 15 (1) R^a , (2) C₁₋₁₀alkyl, (3) C3-8cycloalkyl, (4) cycloheteroalkyl, (5) aryl, 20 (6) arylC₁₋₄alkyl, heteroaryl, and (7) heteroarylC1-4alkyl, wherein alkyl, cycloalkyl, cycloheteroalkyl, and heteroaryl are optionally substituted with oxo, and wherein aryl and heteroaryl are optionally 25 substituted with -ORc, NRcRd, or -C(O)Rc; Rc and Rd are independently selected from: (1) hydrogen, (2) C_{1-10} alkyl, (3) C_{2-10} alkenyl, 30 (4) C₂₋₁₀alkynyl,

(5) cycloalkyl,

(6) cycloalkyl-C₁₋₁₀alkyl,

(7) cycloheteroalkyl,

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- (8) cycloheteroalkyl-C₁₋₁₀ alkyl;
- (9) aryl,
- (10) heteroaryl,
- (11) aryl-C₁₋₁₀alkyl, and
- (12) heteroaryl-C1-10alkyl, or 5

Rc and Rd together with the atom(s) to which they are attached form a heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-Rg,

or two -ORc groups together with the atom(s) to which they are attached form a heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms 10 independently selected from oxygen, sulfur and N-Rg,

each Rc and Rd may be unsubstituted or substituted with one to three substituents selected from Rh;

Re and Rf are independently selected from:

(1) hydrogen, 15

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- (2) C_{1-10} alkyl,
- (3) C2-10 alkenyl,
- (4) C_{2-10} alkynyl,
- (5) cycloalkyl,
 - (6) cycloalkyl-C₁₋₁₀ alkyl,
 - (7) cycloheteroalkyl,
 - (8) cycloheteroalkyl-C1-10 alkyl,
 - (9) aryl,
 - (10) heteroaryl,
 - (11) arylC₁₋₁₀ alkyl, and
 - (12) heteroarylC₁₋₁₀ alkyl, or

Re and Rf together with the carbon to which they are attached form a ring of 5 to 7 members containing 0-2 heteroatoms independently selected from oxygen, sulfur and nitrogen;

- each Rg is independently selected from 30
 - (1) C_{1-10} alkyl,
 - (2) C₃-8cycloalkyl,
 - (3) cycloheteroalkyl,
 - (4) aryl,

	(5) arylC ₁₋₄ alkyl,
	(6) heteroaryl,
	(7) heteroarylC ₁₋₄ alkyl,
	(8) $-S(O)_mR^e$,
5	(9) -C(O)Re,
	(10) -CO ₂ Re,
	(11) -CO ₂ (CReRf) _n CONReRf, and
	(12) $-C(O)NR^eR^f$;
	each Rh is independently selected from:
10	(1) C_{1-10} alkyl,
	(2) C ₃₋₈ cycloalkyl,
	(3) cycloheteroalkyl,
	(4) aryl,
	(5) arylC ₁₋₄ alkyl,
15	(6) heteroaryl,
	(7) heteroarylC ₁ -4alkyl,
	(8) -ORe,
	(9) $-NReS(O)_mRf$,
	(10) -S(O) _m R ^e ,
20	(11) -SRe,
	(12) -S(O) ₂ ORe,
	$(13) -S(O)_mNR^eR^f$
	(14) -NReRf,
	(15) -O(CReRf) _n NReRf,
25	$(16) -C(O)R^e,$
	(17) -CO ₂ Re,
	(18) $-CO_2(CR^{e}R^f)_nCONR^{e}R^f$,
	(19) -OC(O)Re,
	(20) -CN,
30	(21) -C(O)NReRf,
	(22) $-NR^{e}C(O)Rf$,
	(23) -OC(O)NReRf,
	(24) -NReC(O)ORf,
	(25) -NReC(O)NReRf,

- (26) CF3, and
- (27) -OCF3,

m is selected from 1 and 2; and n is selected from 1, 2, and 3;

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provided that when R^1 is phenyl, naphthyl, or heteroaryl, R^2 is phenyl and R^3 is hydrogen, then Ar^1 is not unsubstituted phenyl and is not mono, di or tri- substituted phenyl with an R^b substituent selected from the group consisting of halogen, hydroxy, -C 1-6 alkyl, phenyl, -CN, -NO2, -CO2H, -C(O)C1-6alkyl, -CO2C1-6 alkyl, -C(O)NH2, -C(O)NH-heterocycloalkyl, -NH2, -NH-heterocycloalkyl, furanyl, dihydrofuranyl, pyrrolidyl, dihydropyrrolidyl, and 1,3-dioxolan; and

provided that when R^1 is aryl, monosubstituted with halogen, –OCH3 or –CH3 or optionally di-substituted with halogen, R^2 is aryl, optionally mono- or di- substituted with halogen, and R^3 is hydrogen, then Ar^1 is not unsubstituted 4-pyridinyl; and

provided that when R^1 and R^2 are unsubstituted aryl or unsubstituted heteroaryl, and R^3 is hydrogen or C 1-4 alkyl, then Ar^1 is substituted with at least one R^b substituent; and

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provided that when R^1 is selected from the group consisting of unsubstituted phenyl, para-chlorophenyl or para-methoxy phenyl, R^2 is unsubstituted phenyl, and R^3 is – CH3, then Ar^1 is not unsubstituted phenyl, ortho—CO₂H monosubstituted phenyl, or 3,4-dimethoxy phenyl.

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2. The compound according to Claim 1 wherein:

R1 is selected from:

- (1) C₁₋₁₀alkyl,
- (2) C₃₋₁₀cycloalkyl,
- (3) cycloheteroalkyl,
- (4) aryl, and
- (5) heteroaryl,

wherein alky is optionally substituted with one, two, three or four substituents independently selected from Ra, and each cycloalkyl, cycloheteroalkyl, aryl

and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from Rb;

R² is selected from:

- (1) C₃₋₁₀cycloalkyl,
- 5 (2) cycloheteroalkyl,
 - (3) aryl,
 - (4) heteroaryl,
 - (5) -ORd,
 - (6) -NRcRd, and
- 10 (7) -CO₂Rd,

wherein each alkyl is optionally substituted with one, two, three or four substituents independently selected from R^a , and each cycloalkyl, and cycloheteroalkyl aryl and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from R^b ;

or a pharmaceutically acceptable salt thereof.

3. The compound according to Claim 2 wherein:

Ar1 is selected from:

- (1) phenyl,
- 20 (2) naphthyl,
 - (3) thienyl,
 - (4) furanyl,
 - (5) pyrrolyl,
 - (6) oxazolyl,
- 25 (7) isoxazolyl,
 - (8) 1,2,5-oxadiazolyl,
 - (9) 1,2,5-thiadiazolyl,
 - (10) thiazolyl,
 - (11) pyrazolyl,
- 30 (12) triazolyl,
 - (13) tetrazolyl,
 - (14) benzothienyl,
 - (15) benzofuranyl,
 - (16) benzoxazolyl,
- 35 (17) benzimidazolyl,

	(18) benzothiazolyl,
	(19) indanyl,
	(20) indenyl,
	(21) indolyl,
5	(22) imidazo[1,2-a]pyridinyl,
	(23) β-carbolinyl,
	(24) 5,6,7,8-tetrahydro-β-carbolinyl,
	(25) tetrahydronaphthyl,
	(26) 4,5,6,7-tetrahydroindazolyl,
10	(27) 2,3-dihydrobenzofuranyl,
	(28) dihydrobenzopyranyl,
	(29) 1,4-benzodioxanyl,
•	(30) pyridinyl,
	(31) pyrimidinyl,
15	(32) pyrazinyl,
	(33) quinolinyl,
	(34) isoquinolinyl,
	(35) quinazolonyl,
	(36) quinazolinyl,
20	(37) 1,8-naphthyridinyl,
	(38) 1,2,3,4-tetrahydro-1,8-naphthyridinyl,
	(39) pyrido[3,2-b]pyridinyl,
	(40) pyrazolo[2,3-a]pyrimidinyl,
	(41) pyrido[1,2-a]pyrimidinyl,
25	(42) pyrido[1,2-a]pyrimidonyl,
	(43) benzopyrimidinyl,
	(44) imidazolyl, and
	(45) imidazolonyl,
	each optionally substituted with one, two, or three groups independently
30	selected from Rb;
	or a pharmaceutically acceptable salt thereof.

4. The compound according to Claim 3 wherein: R^3 is C_{1-4} alkyl, optionally substituted with one to four substituents independently selected from R^a ;

R6 is selected from:

- (1) hydrogen,
- (2) methyl,
- (3) hydroxyl,
- 5 (4) halogen, and
 - (5) -CN,

wherein methyl is optionally substituted with one to three Ra substituents;

Ar¹ is selected from:

- (1) phenyl,
- 10 (2) naphthyl,
 - (3) thienyl,
 - (4) isoxazolyl,
 - (5) 1,2,5-oxadiazolyl,
 - (6) thiazolyl,
- 15 (7) pyrazolyl,
 - (8) triazolyl,
 - (9) tetrazolyl,
 - (10) benzofuranyl,
 - (11) benzoxazolyl,
- 20 (12) benzimidazolyl,
 - (13) benzothiazolyl,
 - (14) imidazo[1,2-a]pyridinyl,
 - (15) 5,6,7,8-tetrahydro-β-carbolinyl,
 - (16) 4,5,6,7-tetrahydroindazolyl,
- 25 (17) pyridinyl,
 - (18) pyrimidinyl,
 - (19) pyrazinyl,
 - (20) quinolinyl,
 - (21) isoquinolinyl,
- 30 (22) quinazolonyl,
 - (23) quinazolinyl,
 - (24) 1,8-naphthyridinyl,
 - (25) 1,2,3,4-tetrahydro-1,8-naphthyridinyl,
 - (26) pyrido[3,2-b]pyridinyl,

(27) pyrazolo[2,3-a]pyrimidinyl,

(28) pyrido[1,2-a]pyrimidinyl, (29) pyrido[1,2-a]pyrimidonyl, (30) benzopyrimidinyl, (31) imidazolyl, and 5 (32) imidazolonyl, each optionally substituted with one, two, or three groups independently selected from Rb; each Ra is independently selected from: 10 (1) -ORC, (2) halogen, (3) -S(O)_mR^c, (4) -SRc, (5) $-S(O)_2OR^c$, 15 (6) $-S(O)_mNR^cR^d$, (7) -NRcRd, (8) $-C(O)R^{c}$ (9) -CO₂Rc, (10) -CN, (11) -C(O)NRcRd, 20 (12) CF₃, (13) -OCF3, (14) C₃-8cycloalkyl, (15) cycloheteroalkyl, and (16) oxo; 25 each Rb is independently selected from: (1) R^a , (2) C_{1-10} alkyl, (3) cycloheteroalkyl, (4) aryl, 30 (5) arylC₁₋₄alkyl, (6) heteroaryl, and (7) heteroarylC₁₋₄alkyl,

wherein alkyl, cycloalkyl, cycloheteroalkyl, heteroaryl are optionally substituted with oxo, and wherein aryl and heteroaryl are optionally substituted with -ORc, NRcRd, or -C(O)Rc;

R^c and R^d are independently selected from:

- 5 (1) hydrogen,
 - (2) C₁₋₁₀alkyl,
 - (3) cycloalkyl,
 - (4) cycloheteroalkyl,
 - (5) aryl,
- 10 (6) heteroaryl, or

Rc and Rd together with the atom(s) to which they are attached form a heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-Rg,

or two -ORC groups together with the atom(s) to which they are attached form a heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-Rg,

each Rc and Rd may be unsubstituted or substituted with one to three substituents selected from Rh;

or a pharmaceutically acceptable salt thereof.

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5. The compound according to Claim 4 wherein:

R1 and R2 are independently selected from:

- (1) phenyl, and
- (2) pyridyl,
- each optionally substituted with one to four substituents independently selected from Rb;

 R^3 is C_{1-4} alkyl, wherein alkyl is optionally substituted with one to four substituents independently selected from R^a ;

R⁶ is selected from:

- (1) hydrogen,
- (2) methyl,
- (3) hydroxyl,
- (4) halogen, and
- (5) -CN;
- 35 each R^a is independently selected from:

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- (1) -ORc, (2) halogen, (3) $-S(O)_mR^c$, (4) -NRcRd, -C(O)Rc 5 (5) -CO₂R^c, and (6) (7) oxo; or a pharmaceutically acceptable salt thereof. 6.
- The compound according to Claim 5 wherein: 10

R1 and R2 are independently selected from:

- (1) phenyl,
- (2) 4-fluorophenyl,
- (3) 2-chlorophenyl,
- (4) 3-chlorophenyl, 15
 - (5) 4-chlorophenyl,
 - (6) 4-cyanophenyl,
 - (7) 4-methylphenyl,
 - (8) 4-isopropylphenyl,
- (9) 4-biphenyl, 20
 - (10) 4-bromophenyl,
 - (11) 4-iodophenyl,
 - (12) 2,4-dichlorophenyl, and
 - (13) 2-chloro-4-fluorophenyl;
- or a pharmaceutically acceptable salt thereof. 25
 - The compound according to Claim 6 wherein: 7.

R1 and R2 are independently selected from phenyl and 4-chlorophenyl;

R³ is methyl, wherein methyl is optionally substituted with one to three substituents

independently selected from Ra; 30

or a pharmaceutically acceptable salt thereof.

8. A compound selected from:

(1) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzofuran-2-carboxamide;

- (2) N-[2,3-bis(4-chlorophenyl)-1-methylpropyl]-3-chloro-2-naphthamide;
- (3) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-isoxazole-5-carboxamide;
- 5 (4) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrido[3,2-b]pyridine-2-carboxamide;
 - (5) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrazole-3-carboxamide;
 - (6) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-thiazole-5-carboxamide;
 - (7) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-nicotinamide;
- 10 (8) 2-(1-tetrazolyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (9) 3-(1-tetrazolyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (10) 4-(1-tetrazolyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (11) 5-methyl-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-thiazole-4-carboxamide;
- 15 (12) 2-phenyl-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (13) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrazine-2-carboxamide;
 - (14) 3-(1-(3,5-dimethyl-pyrazolyl))-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
- (15) 4-(1-(pyrrolidin-2-one))-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)20 benzamide;
 - (16) 3-(1-(imidazolidin-2-one))-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (17) 4-phenyl-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (18) 6-bromo-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-picolinamide;
- 25 (19) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-isonicotinamide;

- (20) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-picolinamide;
- (21) 4-methyl-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-1,2,5-oxadiazole-3-carboxamide;
- (22) 3-(1-(pyrrolidin-2-one))-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (23) 2-bromo-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-isonicotinamide;
 - (24) 3-phenyl-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (25) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrimidine-4-carboxamide;
 - (26) 4-(1-pyrazolyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
- 35 (27) 2-(1-pyrazolyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;

(28) 5,6,7,8-tetrahydro-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-carbazole-3-carboxamide;

- (29) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-1H-quinazolin-2-one-4-carboxamide;
- 5 (30) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzoxazole-2-carboxamide;
 - (31) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrazolo[2,3-a]pyrimidine-6-carboxamide;
 - (32) 2,4-dimethyl-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrazolo[2,3-a]pyrimidine-6-carboxamide;
- 10 (33) 4-(1-piperidinyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (34) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrimidine-5-carboxamide;
 - (35) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrido(1,2-a)pyrimidine-4-one-5-carboxamide;
 - (36) 4,5,6,7-tetrahydro-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-indazole-3-carboxamide;
 - (37) 5-fluoro-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzimidazole-2-carboxamide;
 - (38) 5-phenyl-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrazole-3-carboxamide;
- 20 (39) 1,2,3,4-tetrahydro-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-1,8-naphthyridine-7-carboxamide;

- (40) 1-methyl-3-ethyl-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrazole-5-carboxamide;
- (41) 1-methyl-3-propyl-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrazole-5carboxamide;
 - (42) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-quinoline-5-carboxamide;
 - (43) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-imidazo(1,2-a)pyridine-2-carboxamide;
 - (44) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-quinoline-4-carboxamide;
- 30 (45) 4-bromo-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-nicotinamide;
 - (46) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-isoquinoline-8-carboxamide;
 - (47) 3-bromo-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-picolinamide;
 - (48) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-isoquinoline-5-carboxamide;
 - (49) 4-(2-formyl-phenyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;

- (50) 4-(2-hydroxymethyl-phenyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
- (51) 4-(2-aminophenyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
- (52) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-2(3H)-imidazolone-4-carboxamide;
 - (53) 3-(1-tetrazolyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-isonicotinamide;
 - (54) 3,4-(ethylenedioxy)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-thiophene-2-carboxamide;
 - (55) 1-isopropyl-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-pyrazole-4-carboxamide;

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- (56) 5-bromo-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-picolinamide;
- (57) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-1,8-naphthyridine-2-carboxamide;
- (58) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzothiazole-2-carboxamide;
- 15 (59) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzimidazole-2-carboxamide;
 - (60) 5-chloro-2-(2-(1-pyrrolyl)ethyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (61) 2-(2-phenylethyl)-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (62) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-naphthylene-2-carboxamide;
- 20 (63) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-quinoline-5-carboxamide;
 - (64) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-naphthylene-1-carboxamide;
 - (65) N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (66) 2-chloro-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (67) 3-chloro-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
- 25 (68) 4-chloro-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-benzamide;
 - (69) 3,5-dichloro-N-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-isonicotinamide;
 - (70) N-[2-(3-pyridyl)-3-(4-chlorophenyl)-1-methylpropyl]-benzamide;
 - (71) N-[2-(2-pyridyl)-3-(4-chlorophenyl)-1-methylpropyl]-benzamide;
 - (72) N-[2-(4-pyridyl)-3-(4-chlorophenyl)-1-methylpropyl]-benzamide; and
- 30 (73) N-[3-(3-chloro-2-pyridyl)-2-phenyl-1-methylpropyl]-benzamide; or a pharmaceutically acceptable salt thereof.

9. A compound of structural formula IA:

$$R^1$$
 R^2
 R^3
 R^3
 R^3
 R^4
 R^1

(IA)

or a pharmaceutically acceptable salt thereof, wherein;

R¹ is selected from:

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- (1) aryl, and
- (2) heteroaryl,

wherein aryl and heteroaryl are optionally substituted on the carbon or nitrogen with one to four substituents independently selected from Rb;

R² is selected from:

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- (1) aryl, and
- (2) heteroaryl,

wherein aryl and heteroaryl are optionally substituted on the carbon or nitrogen with one to four substituents independently selected from Rb;

R³ is selected from:

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- (1) hydrogen, and
- (2) C₁₋₄alkyl,

wherein alkyl is optionally substituted with one to four substituents independently selected from R^a;

Ar1 is selected from:

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- (1) aryl, and
- (2) heteroaryl,

each optionally substituted on the carbon or nitrogen with one, two, or three groups independently selected from Rb;

each Ra is independently selected from:

- (1) -ORC,
- (2) $-NR^{c}S(O)_{m}R^{d}$,
- (3) $-NO_2$,
- (4) halogen,
- (5) $-S(O)_mR^c$

(6) -SRc, (7) $-S(O)_2OR^c$, (8) $-S(O)_mNR^cR^d$, (9) -NRcRd. (10) -O(CReRf)nNRcRd, 5 (11) -C(O)Rc (12) -CO₂Rc, (13) -CO2(CReRf)nCONRCRd, (14) -OC(O)Rc, 10 (15) -CN, (16) -C(O)NRcRd, (17) $-NR^{c}C(O)R^{d}$, (18) -OC(O)NRCRd, (19) -NRCC(O)ORd, 15 (20) -NRCC(O)NRCRd, (21) -CRc(N-ORd), (22) CF₃, (23) -OCF₃, (24) C₃₋₈cycloalkyl, (25) cycloheteroalkyl, and 20 (26) oxo; each Rb is independently selected from: (1) \mathbb{R}^{a} , (2) C_{1-10} alkyl, (3) C₃₋₈cycloalkyl, 25 (4) cycloheteroalkyl, (5) aryl, (6) arylC₁₋₄alkyl, (7) heteroaryl, and 30 heteroarylC₁_4alkyl, (8)

wherein alkyl, cycloalkyl, cycloheteroalkyl, and heteroaryl are optionally substituted with oxo, and wherein aryl and heteroaryl are optionally substituted with -ORc, NRcRd, or -C(O)Rc;

R^c and R^d are independently selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,
- (3) C₂₋₁₀ alkenyl,
- (4) C2-10alkynyl,
- 5 (5) cycloalkyl,
 - (6) cycloalkyl-C₁₋₁₀alkyl,
 - (7) cycloheteroalkyl,
 - (8) cycloheteroalkyl-C₁₋₁₀ alkyl;
 - (9) aryl,
- 10 (10) heteroaryl,

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- (11) aryl-C₁₋₁₀alkyl, and
- (12) heteroaryl-C1-10alkyl, or

Rc and Rd together with the atom(s) to which they are attached form a heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-Rg,

or two -ORc groups together with the atom(s) to which they are attached form a heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-Rg,

each R^c and R^d may be unsubstituted or substituted with one to three substituents selected from R^h;

Re and Rf are independently selected from:

- (1) hydrogen,
- (2) C_{1-10} alkyl,
- (3) C₂₋₁₀ alkenyl,
- 25 (4) C₂₋₁₀alkynyl,
 - (5) cycloalkyl,
 - (6) cycloalkyl-C1-10 alkyl,
 - (7) cycloheteroalkyl,
 - (8) cycloheteroalkyl-C₁₋₁₀ alkyl,
- 30 (9) aryl,
 - (10) heteroaryl,
 - (11) arylC₁₋₁₀ alkyl, and
 - (12) heteroarylC₁₋₁₀ alkyl, or

Re and Rf together with the carbon to which they are attached form a ring of 5 to 7 members containing 0-2 heteroatoms independently selected from oxygen, sulfur and nitrogen;

each Rg is independently selected from

- 5 (1) C_{1-10} alkyl,
 - (2) C₃₋₈cycloalkyl,
 - (3) cycloheteroalkyl,
 - (4) aryl,
 - (5) arylC₁₋₄alkyl,
- 10 (6) heteroaryl,
 - (7) heteroarylC₁₋₄alkyl,
 - (8) $-S(O)_mR^e$
 - (9) -C(O)Re
 - (10) -CO₂Re,
- 15 (11) -CO₂(CReRf)_nCONReRf, and
 - (12) -C(O)NReRf;

each Rh is independently selected from:

- (1) C_{1-10} alkyl,
- (2) C₃-8cycloalkyl,
- 20 (3) cycloheteroalkyl,
 - (4) aryl,
 - (5) arylC₁₋₄alkyl,
 - (6) heteroaryl,
 - (7) heteroarylC₁₋₄alkyl,
- 25 (8) -ORe,
 - (9) $-NReS(O)_mRf$,
 - $(10) -S(O)_m R^e$
 - (11) -SRe,
 - (12) -S(O)2ORe,
- 30 $(13) -S(O)_mNReRf$,
 - (14) -NReRf,
 - (15) -O(CReRf)_nNReRf,
 - (16) -C(O)Re
 - (17) -CO₂Re,

- (18) -CO2(CReRf)nCONReRf,
- (19) -OC(O)Re,
- (20) -CN,
- (21) -C(O)NReRf,
- (22) -NReC(O)Rf,
- (23) -OC(O)NReRf,
- (24) -NReC(O)ORf,
- (25) -NReC(O)NReRf,
- (26) CF3, and
- 10 (27) -OCF₃,

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m is selected from 1 and 2; and n is selected from 1, 2, and 3;

provided that when R¹ is phenyl, naphthyl, or heteroaryl, R² is phenyl and R³ is hydrogen, Ar¹ is not unsubstituted phenyl and is not mono, di or tri- substituted phenyl with an R^b substituent selected from the group consisting of halogen, hydroxy, -C ₁₋₆ alkyl, phenyl, -CN, -NO₂, -CO₂H, -C(O)C₁₋₆alkyl, -CO₂C₁₋₆ alkyl, -C(O)NH₂, -C(O)NH-heterocycloalkyl, -NH₂, -NH-heterocycloalkyl, furanyl, dihydrofuranyl, pyrrolidyl, dihydropyrrolidyl, and 1,3-dioxolan; and

provided that when R¹ is aryl, monosubstituted with halogen, –OCH₃ or –CH₃ and optionally di-substituted with halogen, R² is aryl, optionally mono- or di- substituted with halogen, and R³ is hydrogen, Ar¹ is not unsubstituted 4-pyridinyl; and

25 provided that when R¹ and R² are unsubstituted aryl or unsubstituted heteroaryl, and R³ is hydrogen or C ₁₋₄ alkyl, Ar¹ is substituted with at least one R^b substituent; and

provided that when R¹ is selected from the group consisting of unsubstituted phenyl, para-chlorophenyl or para-methoxy phenyl, R² is unsubstituted phenyl, and R³ is – CH₃, Ar¹ is not unsubstituted phenyl, ortho—CO₂H monosubstituted phenyl, or 3,4-dimethoxy phenyl.

- 10. The compound according to Claim 9 wherein: R1 and R2 are independently selected from:
 - (1) phenyl,

- (2) naphthyl, and
- (3) pyridyl,

each optionally substituted with one to four substituents independently selected from Rb;

5 or a pharmaceutically acceptable salt thereof.

11. The compound according to Claim 10 wherein:

Ar1 is selected from:

- (1) phenyl,
- 10 (2) naphthyl,
 - (3) thienyl,
 - (4) furanyl,
 - (5) pyrrolyl,
 - (6) oxazolyl,
- 15 (7) isoxazolyl,
 - (8) 1,2,5-oxadiazolyl,
 - (9) 1,2,5-thiadiazolyl,
 - (10) thiazolyl,
 - (11) pyrazolyl,
- 20 (12) triazolyl,
 - (13) tetrazolyl,
 - (14) benzothienyl,
 - (15) benzofuranyl,
 - (16) benzoxazolyl,
- 25 (17) benzimidazolyl,
 - (18) benzothiazolyl,
 - (19) indanyl,
 - (20) indenyl,
 - (21) indolyl,
- 30 (22) imidazo[1,2-a]pyridinyl,
 - (23) β -carbolinyl,
 - (24) 5,6,7,8-tetrahydro-β-carbolinyl,
 - (25) tetrahydronaphthyl,
 - (26) 4,5,6,7-tetrahydroindazolyl,
- 35 (27) 2,3-dihydrobenzofuranyl,

(28) dihydrobenzopyranyl, (29) 1,4-benzodioxanyl, (30) pyridinyl, (31) pyrimidinyl, (32) pyrazinyl, 5 (33) quinolinyl, (34) isoquinolinyl, (35) quinazolonyl, (36) quinazolinyl, (37) 1,8-naphthyridinyl, 10 (38) 1,2,3,4-tetrahydro-1,8-naphthyridinyl, (39) pyrido[3,2-b]pyridinyl, (40) pyrazolo[2,3-a]pyrimidinyl, (41) pyrido[1,2-a]pyrimidinyl, (42) pyrido[1,2-a]pyrimidonyl, 15 (43) benzopyrimidinyl, (44) imidazolyl, and (45) imidazolonyl, each optionally substituted with one, two, or three groups independently selected from Rb; 20 or a pharmaceutically acceptable salt thereof. The compound of claim 11 wherein: 12.

R³ is selected from:

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- (1) hydrogen, and
- (2) C₁₋₄alkyl,

wherein alkyl is optionally substituted with one to four substituents independently selected from R^a;

Ar1 is selected from:

- 30
- (1) phenyl,
- (2) naphthyl,
- (3) thienyl,
- (4) isoxazolyl,
- (5) 1,2,5-oxadiazolyl,
- 35 (6) thiazolyl,

	(7) p	yrazolyl,
	(8) tı	riazolyl,
	(9) to	etrazolyl,
	(10) b	enzofuranyl,
5	(11) b	enzoxazolyl,
	(12) b	enzimidazolyl,
	(13) b	penzothiazolyl,
	(14) i	midazo[1,2-a]pyridinyl,
	(15) 5	5,6,7,8-tetrahydro-β-carbolinyl,
10	(16) 4	1,5,6,7-tetrahydroindazolyl,
	(17) p	pyridinyl,
	(18) p	pyrimidinyl,
	(19) p	pyrazinyl,
	(20)	quinolinyl,
15	(21) i	soquinolinyl,
	(22)	quinazolonyl,
	(23)	quinazolinyl,
	(24)	1,8-naphthyridinyl,
	(25)	1,2,3,4-tetrahydro-1,8-naphthyridinyl,
20	(26)	pyrido[3,2-b]pyridinyl,
	(27)	pyrazolo[2,3-a]pyrimidinyl,
	(28)	pyrido[1,2-a]pyrimidinyl,
	(29)	pyrido[1,2-a]pyrimidonyl,
	(30)	benzopyrimidinyl,
25	(31)	imidazolyl, and
	• •	imidazolonyl,
	each	optionally substituted with one, two, or three groups independently
	select	ted from R ^b ;
	each Ra is in	dependently selected from:
30	(1)	-OR¢,
	` '	halogen,
	(3)	$-S(O)_mR^c$
	• •	-SR ^c ,
		-S(O) ₂ OR ^c ,
35	(6)	-S(O) _m NRcRd,

- (7) -NRcRd,
- (8) $-C(O)R^{c}$.
- (9) -CO₂R^c,
- (10) -CN,
- 5 (11) -C(O)NRcRd,
 - (12) CF3,
 - (13) -OCF3,
 - (14) C₃₋₈cycloalkyl,
 - (15) cycloheteroalkyl, and
- 10 (16) oxo;

each Rb is independently selected from:

- (1) R^a ,
- (2) C_{1-10} alkyl,
- (3) cycloheteroalkyl,
- 15 (4) aryl,

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- (5) arylC₁₋₄alkyl,
- (6) heteroaryl, and
- (7) heteroarylC₁₋₄alkyl,

wherein alkyl, cycloalkyl, cycloheteroalkyl, heteroaryl are optionally substituted with oxo, and wherein aryl and heteroaryl are optionally substituted with -ORC, NRCRd, or -C(O)RC;

 R^c and R^d are independently selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,
- 25 (3) cycloalkyl,
 - (4) cycloheteroalkyl,
 - (5) aryl,
 - (6) heteroaryl, or

Rc and Rd together with the atom(s) to which they are attached form a heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-Rg,

or two -ORC groups together with the atom(s) to which they are attached form a heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-Rg,

each R^c and R^d may be unsubstituted or substituted with one to three substituents selected from R^h ;

or a pharmaceutically acceptable salt thereof.

13. The compound according to Claim 12, wherein:

R1 and R2 are independently selected from:

- (1) phenyl, and
- (2) pyridyl,

each optionally substituted with one to four substituents independently selected from 10 Rb;

 R^3 is C_{1-4} alkyl, wherein alkyl is optionally substituted with one to four substituents independently selected from R^a ;

each Ra is independently selected from:

- (1) -ORc,
- 15 (2) halogen,

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- (3) $-S(O)_mR^c$,
- (4) -NRcRd,
- (5) $-C(O)R^{c}$
- (6) -CO2Rc, and
- 20 (7) oxo;

or a pharmaceutically acceptable salt thereof.

14. The compound according to Claim 13, wherein:

 R^1 and R^2 are independently selected from:

- 25 (1) phenyl,
 - (2) 4-fluorophenyl,
 - (3) 2-chlorophenyl,
 - (4) 3-chlorophenyl,
 - (5) 4-chlorophenyl,
- 30 (6) 4-cyanophenyl,
 - (7) 4-methylphenyl,
 - (8) 4-isopropylphenyl,
 - (9) 4-biphenyl,
 - (10) 4-bromophenyl,

- (11) 4-iodophenyl,
- (12) 2,4-dichlorophenyl, and
- (13) 2-chloro-4-fluorophenyl;

or a pharmaceutically acceptable salt thereof.

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- $15. \qquad \text{The compound according to Claim 14 wherein:} \\ R1 \text{ and } R2 \text{ are independently selected from phenyl and 4-chlorophenyl;} \\ R3 \text{ is methyl, wherein methyl is optionally substituted with one to three substituents independently selected from } R^a; \\$
- or a pharmaceutically acceptable salt thereof.
 - 16. A composition comprising a compound according to Claim 1 and a pharmaceutically acceptable carrier.
- 17. A composition comprising a compound according to Claim 8 and a pharmaceutically acceptable carrier.
 - 18. A method of preventing obesity in a person at risk for obesity comprising administration to said person of about 0.001 to about 100 mg/kg of a compound according to Claim 1.
 - 19. A method of preventing obesity in a person at risk for obesity comprising administration to said person of about 0.001 to about 100 mg/kg of a compound according to Claim 8.

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- 20. A method of treating a disease mediated by the Cannabinoid-1 receptor comprising administration of a therapeutically effective amount of a compound of Claim 1 to a patient in need of such treatment.
- 30 21. The method according to Claim 20 wherein the disease mediated by the Cannabinoid-1 receptor is selected from: psychosis, memory deficit, cognitive disorders, migraine, neuropathy, neuro-inflammatory disorders, cerebral vascular accidents, head trauma, anxiety disorders, stress, epilepsy, Parkinson's disease, schizophrenia, substance abuse disorders, constipation, chronic intestinal

pseudo-obstruction, cirrhosis of the liver, asthma, obesity, and other eating disorders associated with excessive food intake.

- 22. The method according to Claim 21 wherein the disease mediated by the Cannabinoid-1 receptor is an eating disorder associated with excessive food intake.
 - 23. The method according to Claim 22 wherein the eating disorder asssociated with excessive food intake is selected from obesity, bulimia nervosa, and compulsive eating disorders.
 - 24. The method according to Claim 23 wherein the eating disorder associated with excessive food intake is obesity.
- 15 25. The use of a compound according to Claim 1 for the manufacture of a medicament useful for the treatment of a disease mediated by the Cannabinoid-1 receptor in a human patient in need of such treatment.
- 26. The use according to Claim 25 wherein the disease mediated by the Cannabinoid-1 receptor is selected from: psychosis, memory deficit, cognitive disorders, migraine, neuropathy, neuro-inflammatory disorders, cerebral vascular accidents, head trauma, anxiety disorders, stress, epilepsy, Parkinson's disease, schizophrenia, substance abuse disorders, constipation, chronic intestinal pseudo-obstruction, cirrhosis of the liver, asthma, obesity, and other eating disorders associated with excessive food intake.
 - 27. The use according to Claim 26 wherein the disease mediated by the Cannabinoid-1 receptor is an eating disorder associated with excessive food intake.

28. The use according to Claim 27, wherein the eating disorder asssociated with excessive food intake is selected from obesity, bulimia nervosa, and compulsive eating disorders.

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29. The use according to Claim 28 wherein the eating disorder associated with excessive food intake is obesity.

30. The use of a compound according to Claim 1 for the
 manufacture of a medicament useful for the prevention of obesity in a person at risk therefore.